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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:08 ; Search time 319.49 seconds
(without alignments)
17.722 Million cell updates/sec

Title:	US-09-851-670-12						
Perfect score:	1						
Sequence:	lacagctcgcccccattaaacatattc 25						
Scoring table:	IDENTITY_NUC						
Gapop:	10.0 , Gapext 1.0						
Searched:	351203 seqs, 113238999 residues						
Total number of hits satisfying chosen parameters:	515962						
Minimum DB seq length:	0						
Maximum DB seq length:	60						
Post-processing:	Minimum Match 0%						
	Maximum Match 100%						
	Listing first 45 summaries						
Database :	Issued_Patents_NA:*						
	1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*						
	2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*						
	3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*						
	4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*						
	5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*						
	6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*						
Pred. No.	is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.						
SUMMARIES							
Result No.	Score	Query	Match	Length	DB	ID	Description
C 1	14	56.0	50	4	US-09-390-867A-32		Sequence 32, Appl
C 2	13.8	55.2	27	2	US-09-747-121-16		Sequence 16, Appl
C 3	13.6	54.4	57	4	US-09-025-769B-156		Sequence 156, Appl
C 4	13.4	53.6	58	4	US-09-011-745-10		Sequence 10, Appl
C 5	13.2	52.8	34	3	US-09-467-948A-21		Sequence 21, Appl
C 6	13.2	52.8	34	3	US-09-467-947A-21		Sequence 21, Appl
C 7	12.6	50.4	22	2	US-09-987-466-7		Sequence 7, Appl
C 8	12.6	50.4	22	2	US-09-974-565C-12		Sequence 12, Appl
C 9	12.6	50.4	22	4	US-09-240-359-7		Sequence 7, Appl
C 10	12.6	50.4	27	1	US-09-321-071A-1		Sequence 1, Appl
C 11	12.6	50.4	32	2	US-09-656-906-16		Sequence 16, Appl
C 12	12.6	50.4	32	4	US-09-217-847-16		Sequence 1, Appl
C 13	12.6	50.4	32	4	US-09-264-032-1		Sequence 1, Appl
C 14	12.6	50.4	32	4	US-09-559-393-1		Sequence 1, Appl
C 15	12.6	50.4	38	1	US-09-373-124A-2396		Sequence 2396, Appl
C 16	12.6	50.4	38	1	US-09-435-628-2396		Sequence 33, Appl
C 17	12.6	50.4	50	4	US-09-867A-33		Sequence 36, Appl
C 18	12.4	49.6	21	2	US-09-452-724A-36		Sequence 7, Appl
C 19	12.4	49.6	34	1	US-09-464-340A-7		Sequence 2, Appl
C 20	12.4	49.6	36	1	US-09-527-154-2		Sequence 2, Appl
C 21	12.4	49.6	36	2	US-09-544-861-2		Sequence 4, Appl
C 22	12.4	49.6	40	1	US-09-207-226A-4		Sequence 19, Appl
C 23	12.4	49.6	54	2	US-09-665-202-19		Sequence 17, Appl
C 24	12.2	48.8	21	4	US-09-078-173A-17		Sequence 3, Appl
C 25	12.2	48.8	24	4	US-09-381-086B-3		Sequence 164, Appl
C 26	12.2	48.8	25	4	US-09-338-907-164		Sequence 341, Appl
C 27	12.2	48.8	28	1	US-09-105-483-341		Sequence 13, Appl

ALIGNMENTS

RESULT 1 US-09-390-867A-32/c

; Sequence 32, Application US/09390867A

; Patent No. 6291358

; GENERAL INFORMATION:

; APPLICANT: Peredelitchouk, Mikhail

; APPLICANT: Vonstein, Veronika

; TITLE OF INVENTION: Thermus Promoters for Gene Expression

; FILE REFERENCE: 99-559

; CURRENT APPLICATION NUMBER: US/09/390,867A

; CURRENT FILING DATE: 1999-09-07

; NUMBER OF SEQ ID NOS: 52

; SOFTWARE: PatentIn ver. 2.0

; SEQ ID NO 32

; LENGTH: 50

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Putative

; OTHER INFORMATION: Promoter sequence

; US-09-390-867A-32

Query Match 56.0%; Score 14; DB 4; Length 50;

Best Local Similarity 77.3%; Pred. No. 1.8e+02;

Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 acagctcgcccccattaaacata 22

Db 22 AAAGCTGCTTCCTTACAAA 1

RESULT 2 US-09-747-121-16/c

; Sequence 16, Application US/08747121

; Patent No. 874290

; GENERAL INFORMATION:

; APPLICANT: Murphy, Gerald

; APPLICANT: Bonyton, Alton

; APPLICANT: Sehgal, Anil

; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID

; TITLE OF INVENTION: SEQUENCES OF A D2-2 GENE ASSOCIATED WITH

; TITLE OF INVENTION: BRAIN TUMORS AND METHODS BASED THEREON

; NUMBER OF SEQUENCES: 20

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: NY

COUNTRY: USA
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/747,121
 FILING DATE: 08-NOV-1996
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Baldwin, Geraldine F
 REGISTRATION NUMBER: 31,232
 REFERENCE/DOCKET NUMBER: 8511-008
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)909090
 TELEFAX: (212)8698864
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 27 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 1..27
 OTHER INFORMATION:
 US-08-747-121-16

Query Match 55.2%; Score 13.8; -DB 2; Length 27;
 Best Local Similarity 88.2%; Pred No 2e-02; Mismatches 0;
 Matches 15; conservative 0; Indels 0; Gaps 0;
 Qy 6 tcggcccaattacata 22
 Db 18 TCCCCCATTACATA 2

RESULT 3
 US-09-025-769B-156
 Sequence 156, Application US/09025769B
 Patent No. 6300064

GENERAL INFORMATION:
 APPLICANT: Knapik, Achim
 APPLICANT: Pack, Peter
 APPLICANT: Ilag, Vic
 APPLICANT: Ge, Liming
 APPLICANT: Moroney, Simon
 APPLICANT: Plueckthun, Andreas
 TITLE OF INVENTION: Protein/(Poly)peptide libraries
 NUMBER OF SEQUENCES: 373
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
 STREET: 1251 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10021

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/025,769B
 FILING DATE: 18-FEB-1998
 PRIORITY APPLICATION DATA:

Application Number: 8511-008
 Filing Date: 08-Nov-1996
 Attorney/Agent Information: Baldwin, Geraldine F
 Registration Number: 31,232
 Reference/Docket Number: MORPHO/5

Sequence Information for SEQ ID NO: 156:
 Sequence Characteristics:
 Length: 57 base pairs
 Type: nucleic acid
 Strandedness: single
 Topology: linear
 Description: /desc = "synthetic oligonucleotide"

Application Number: 8511-025-769B-156
 Filing Date: 08-Nov-1996
 Attorney/Agent Information: Baldwin, Geraldine F
 Registration Number: 31,232
 Reference/Docket Number: MORPHO/5

Sequence Information for SEQ ID NO: 156:
 Sequence Characteristics:
 Length: 57 base pairs
 Type: nucleic acid
 Strandedness: single
 Topology: linear
 Description: /desc = "synthetic oligonucleotide"

Application Number: 8511-011-745-10
 Filing Date: 09-Nov-1995
 Attorney/Agent Information: Baldwin, Geraldine F
 Registration Number: 31,232
 Reference/Docket Number: MORPHO/5

Sequence Information for SEQ ID NO: 10:
 Sequence 10, Application US/09011745
 Patent No. 6165715

General Information:
 APPLICANT: Collins, Mary KL
 APPLICANT: Weiss, Robin A
 APPLICANT: Takeuchi, Yasuhiro
 APPLICANT: Cosset, Francois-Loic
 Title of Invention: Expression systems
 File Reference: 09/011/745
 Current Application Number: US/09/011,745
 Current Filing Date: 1998-06-22
 Earlier Application Number: PCT/GB96/02061
 Earlier Filing Date: 1996-08-23
 Earlier Application Number: GB9517263.1
 Earlier Filing Date: 1995-08-23
 Number of SEQ ID Nos: 29
 Software: PatentIn Ver. 2.0

Sequence Information for SEQ ID NO: 10:
 Length: 58
 Type: DNA
 Organism: Artificial Sequence
 Feature:
 Other Information: Description of Artificial Sequence:
 Other Information: Oligonucleotide

Application Number: 8511-011-745-10
 Filing Date: 09-Nov-1995
 Attorney/Agent Information: Baldwin, Geraldine F
 Registration Number: 31,232
 Reference/Docket Number: MORPHO/5

Sequence Information for SEQ ID NO: 17:
 Sequence 17, Application US/08467948A
 Patent No. 5998164

General Information:
 APPLICANT: Li, YI

Application Number: 8511-025-769B-156
 Filing Date: 08-Nov-1996
 Attorney/Agent Information: Baldwin, Geraldine F
 Registration Number: 31,232
 Reference/Docket Number: MORPHO/5

Sequence Information for SEQ ID NO: 17:
 Sequence 17, Application US/08467948A
 Patent No. 5998164

General Information:
 APPLICANT: Li, YI

APPLICANT: CAO, LIANG
 APPLICANT: NI, JIAN
 APPLICANT: GENTZ, REINER
 APPLICANT: BULT, CAROL J.
 APPLICANT: SUTTON III, GRANGER G.
 APPLICANT: ROSEN, CRAIG A.
 TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein
 TITLE OF INVENTION: Coupled Receptor GPR2
 NUMBER OF SEQUENCES: 30
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SPERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
 STREET: 1100 NEW YORK AVE., NW, SUITE 600
 CITY: WASHINGTON
 STATE: DC
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/467,948A
 FILING DATE: 05-JUN-1995
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/04079
 FILING DATE: 30-MAR-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: STEFFE, ERIC K.
 REGISTRATION NUMBER: 35,688
 REFERENCE/DOCKET NUMBER: 1488.1140003/EKS/KLM
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-371-2500
 TELEFAX: 202-371-2540
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 34 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: Oligonucleotide
 US-08-467-948A-21

Query Match 52.8%; Score 13.2; DB 2; Length 34;
 Best Local Similarity 83.3%; Pred. No. 4.3e+02; Mismatches 0;
 Matches 15; Conservative 0; Indels 0; Gaps 0;
 Matches 3; Indels 0; Gaps 0;

QY 3 agtcgcgcgcattaaaca 20
 Db 6 AGCTTGCCACCTGAAACA 23

RESULT 7 US-08-987-466-7

Query Match 52.8%; Score 13.2; DB 3; Length 34;
 Best Local Similarity 83.3%; Pred. No. 4.3e+02; Mismatches 0;
 Matches 15; Conservative 0; Indels 0; Gaps 0;
 Matches 3; Indels 0; Gaps 0;

QY 3 agtcgcgcgcattaaaca 20
 Db 6 AGCTTGCCACCTGAAACA 23

RESULT 7 US-08-987-466-7

Sequence 7, Application US/08987466
 Patent No. 5922595
 GENERAL INFORMATION:
 APPLICANT: Fisher, Douglas A.
 APPLICANT: Gooding, Doug
 APPLICANT: Streeter, Dave
 TITLE OF INVENTION: CYCLIC-GMP PHOSPHODIESTERASE
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Dr.
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/987,466
 FILING DATE: Filed Herewith
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749

US-08-467-947A-21

Query Match 52.8%; Score 13.2; DB 2; Length 34;
 Best Local Similarity 83.3%; Pred. No. 4.3e+02; Mismatches 0;
 Matches 15; Conservative 0; Indels 0; Gaps 0;
 Matches 3; Indels 0; Gaps 0;

QY 3 agtcgcgcgcattaaaca 20
 Db 6 AGCTTGCCACCTGAAACA 23

RESULT 7 US-08-987-466-7

Sequence 7, Application US/08987466
 Patent No. 5922595
 GENERAL INFORMATION:
 APPLICANT: Fisher, Douglas A.
 APPLICANT: Gooding, Doug
 APPLICANT: Streeter, Dave
 TITLE OF INVENTION: CYCLIC-GMP PHOSPHODIESTERASE
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Dr.
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/987,466
 FILING DATE: Filed Herewith
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749

US-08-467-947A-21

Query Match 52.8%; Score 13.2; DB 2; Length 34;
 Best Local Similarity 83.3%; Pred. No. 4.3e+02; Mismatches 0;
 Matches 15; Conservative 0; Indels 0; Gaps 0;
 Matches 3; Indels 0; Gaps 0;

QY 3 agtcgcgcgcattaaaca 20
 Db 6 AGCTTGCCACCTGAAACA 23

RESULT 7 US-08-987-466-7

Sequence 7, Application US/08987466
 Patent No. 5922595
 GENERAL INFORMATION:
 APPLICANT: Fisher, Douglas A.
 APPLICANT: Gooding, Doug
 APPLICANT: Streeter, Dave
 TITLE OF INVENTION: CYCLIC-GMP PHOSPHODIESTERASE
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Dr.
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/987,466
 FILING DATE: Filed Herewith
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0442 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-855-0555
 FAX: 650-841-4166
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-987-466-7

Query Match 50.4%; Score 12.6; DB 2; Length 22;
 Best Local Similarity 78.9%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 6 tcgcccatataacatatt 24
 Db 3 TGCCTCCATCAACAACT 21

RESULT 8
 US-08-974-565C-12
 Sequence 12, Application US/08974565C
 Patent No. 5932423
 GENERAL INFORMATION:
 APPLICANT: Au-Young, Janice
 APPLICANT: Cocks, Benjamin G.
 APPLICANT: Coleman, Roger
 APPLICANT: Fisher, Jeffrey J.
 APPLICANT: Fisher, Douglas A.
 APPLICANT: Gooding, Doug
 APPLICANT: Streeter, Dave
 ADDRESS: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Dr.
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/240,359
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/987,466
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REFERENCE/DOCKET NUMBER: PF-0442 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-855-0555
 FAX: 650-845-4166
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-240-359-7

Query Match 50.4%; Score 12.6; DB 4; Length 22;
 Best Local Similarity 78.9%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 6 tcgcccatataacatatt 24
 Db 3 TGCCTCCATCAACAACT 21

RESULT 10
 US-08-321-071A-1/C
 Sequence 1, Application US/08321071A
 Patent No. 5672686
 GENERAL INFORMATION:
 APPLICANT: CHITTENDEN, Thomas D.
 TITLE OF INVENTION: APOPROTIC RELATED PROTEIN BCL-Y, AND METHODS
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hale and Dorf
 STREET: 1455 Pennsylvania Avenue, N.W.
 CITY: Washington
 STATE: D.C.
 ZIP: 20004
 QY 6 tcgcccatataacatatt 24

Query Match 50.4%; Score 12.6; DB 2; Length 22;
 Best Local Similarity 78.9%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 6 tcgcccatataacatatt 24

; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-217-847-16

Query Match 50.4%; Score 12.6; DB 4; Length 32;
Best Local Similarity 78.9%; Pred. No. 8.4e+02; Length 32;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3 agctcgcccccattaaacat 21
Db 7 agcttgcacccatggacat 25

RESULT 13

US-09-264-032-1

; Sequence 1, Application US/09264032

; Patent No. 6261187

; GENERAL INFORMATION:

; APPLICANT: Davis, Pamela B.

; APPLICANT: Ferrrol, Thomas W., Jr.

; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES FOR DELIVERY

; FILE REFERENCE: 3037-77447

; CURRENT FILING DATE: 1999-03-08

; PRIOR APPLICATION NUMBER: US 08/357,333

; PRIORITY FILING DATE: 1997-10-24

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: FASTSEQ for Windows Version 4.0

; SEQ ID NO: 1

; LENGTH: 32

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-264-032-1

RESULT 15

US-08-373-124A-2396C

; Sequence 2396, Application US/08373124A

; Patent No. 5646042

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth

; APPLICANT: McSwigan, James

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

; TITLE OF INVENTION: CANCER USING RIBOZYMES

; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/373-124A

; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 08/192,943

; FILING DATE: February 7, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; APPLICATION NUMBER: 07/936,422

; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510; INFORMATION FOR SEQ ID NO: 2396:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-2396

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 1
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-559-393-1

Query Match 50.4%; Score 12.6; DB 4; Length 32;
Best Local Similarity 78.9%; Pred. No. 8.4e+02; Length 32;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3 agctcgcccccattaaacat 21
Db 7 agcttgcacccatggacat 25

RESULT 14

US-09-559-393-1

; Sequence 1, Application US/09559393

; Patent No. 6281187

; GENERAL INFORMATION:

; APPLICANT: Davis, Pamela B.

; APPLICANT: Ferrrol, Thomas

; APPLICANT: Eckman, Elizabeth

; APPLICANT: Schreiber, John

; APPLICANT: Lirk, John M.

; TITLE OF INVENTION: Fusion Proteins for Protein Delivery

; FILE REFERENCE: 3037-00001

; CURRENT APPLICATION NUMBER: US/09-559,393

; CURRENT FILING DATE: 2000-04-26

; PRIORITY FILING DATE: 1997-10-24

; PRIORITY APPLICATION NUMBER: US 08/957,333

; PRIORITY FILING DATE: 1996-06-03

; PRIORITY APPLICATION NUMBER: US 08/655,705

; PRIORITY FILING DATE: 1996-06-03

; PRIORITY APPLICATION NUMBER: US 08/656,906

; NUMBER OF SEQ ID NOS: 6

Mon Mar 11 07:46:18 2002

us-09-851-670-12.rni

Page 7

Query Match 50.4%; Score 12.6; DB 1; Length 38;
Best Local Similarity 78.9%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0;
Gaps 0;
Qy 6 tgcggcccatttacatatt 24
||| ||| ||| |||||
Db 21 tcGGCCtCATCAGCATTT 3

Search completed: March 9, 2002, 00:54:08
Job time: 11359 sec

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